

Fig. 1

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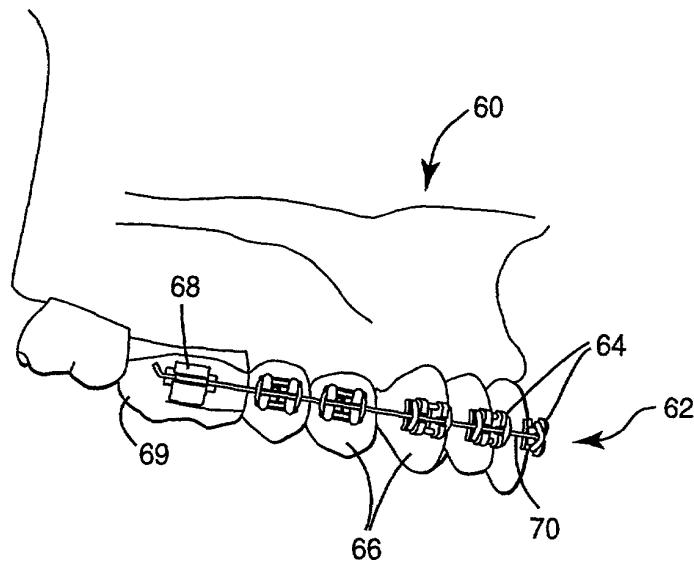


Fig. 2

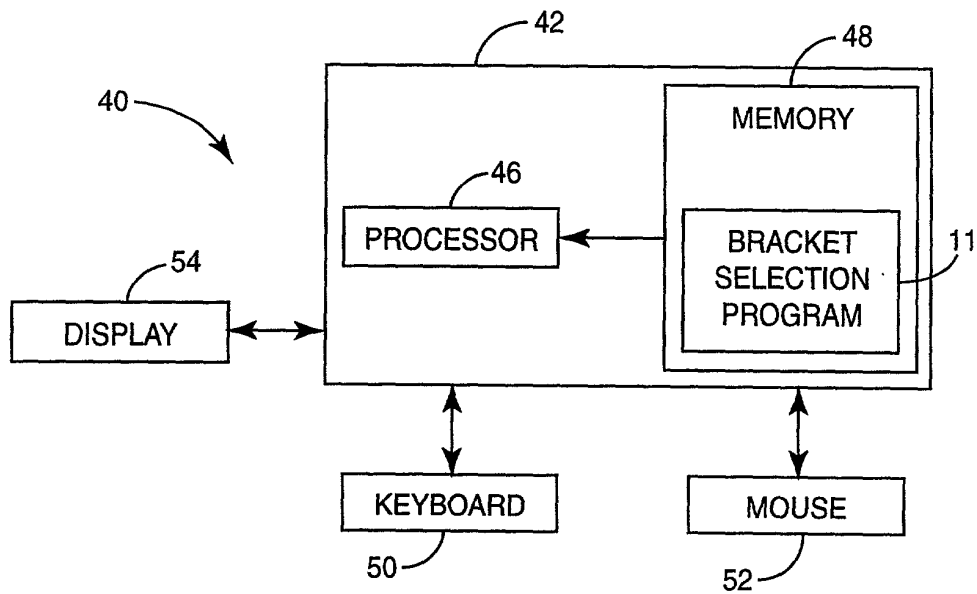


Fig. 3

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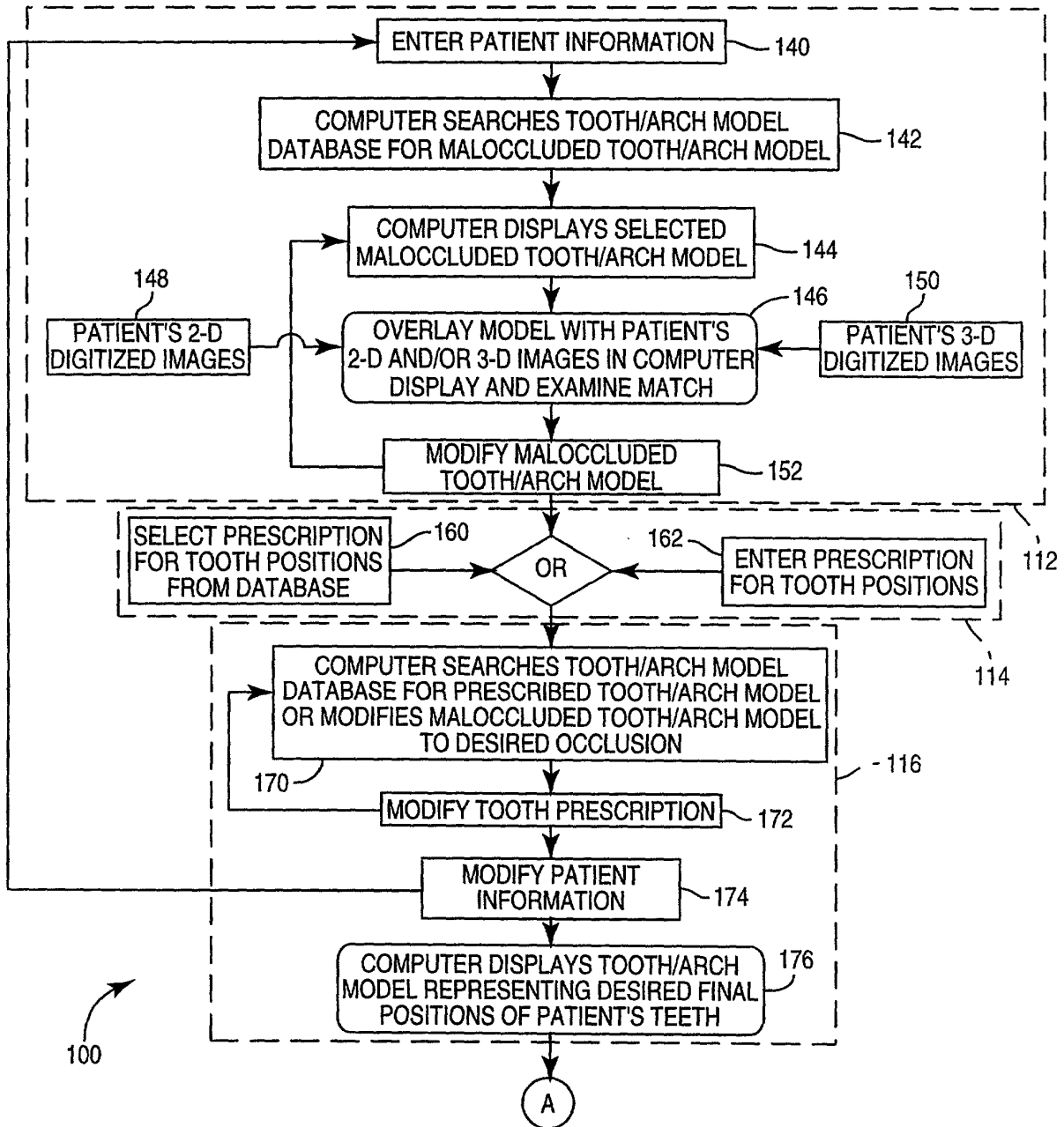


Fig. 4A

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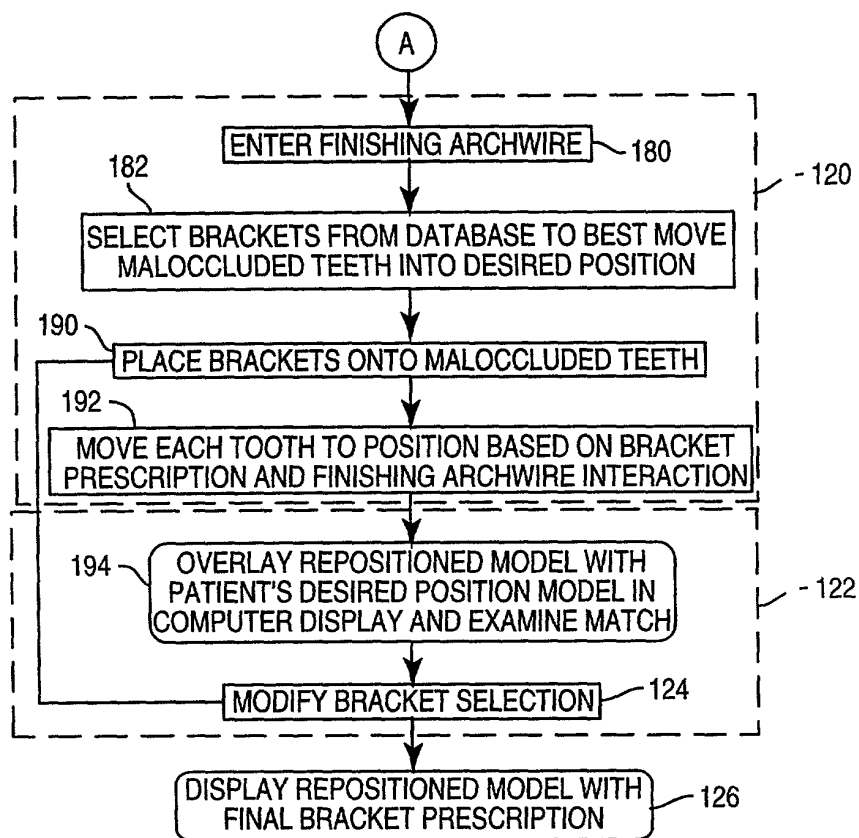


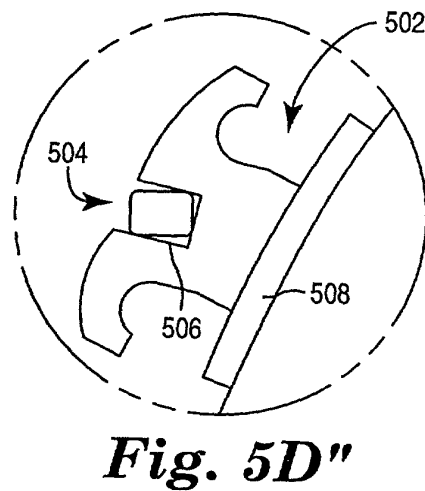
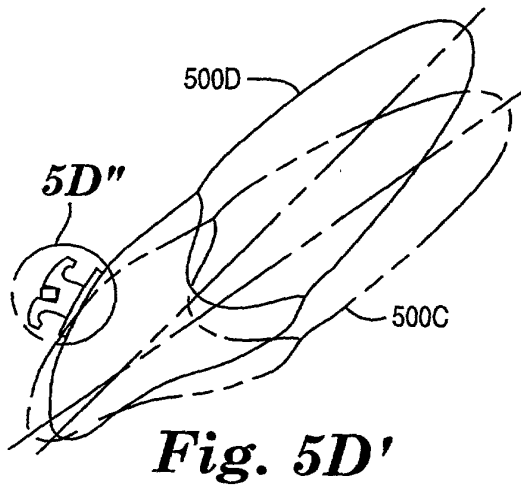
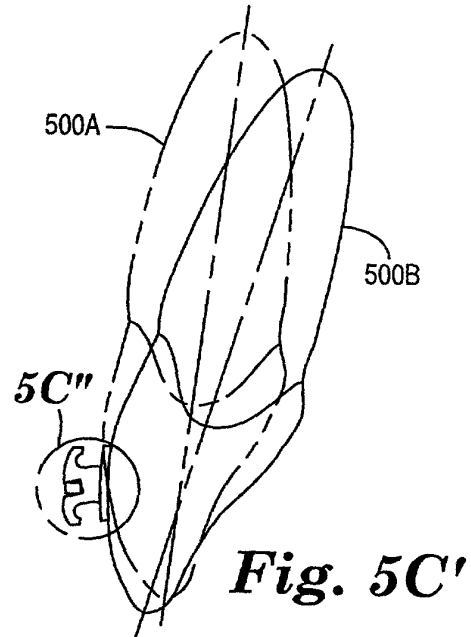
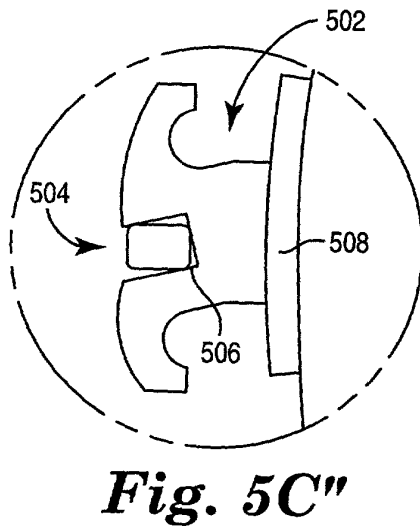
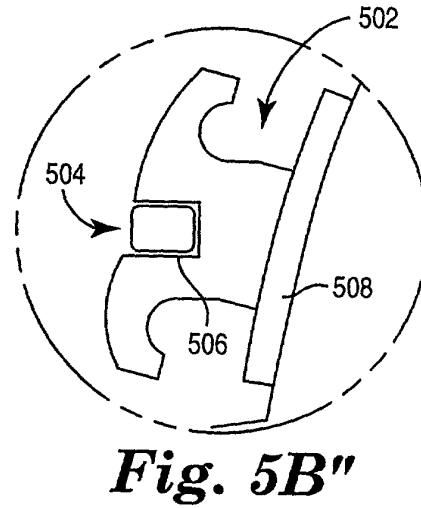
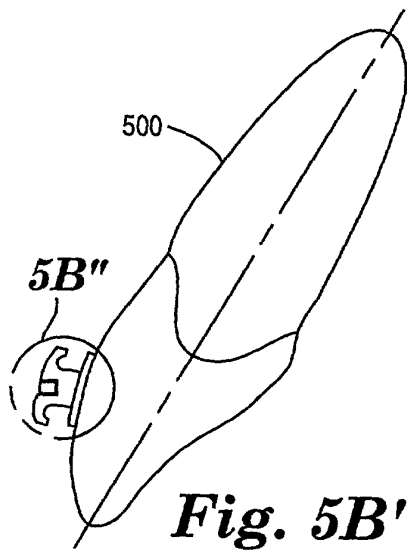
Fig. 4B

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	Tooth #	7	6	5	4	3	2	1
Upper Arch	in/out, mm	1	1	1.4	1.5	1.4	2.25	1.8
	Angulation, deg	5	5	2	2	11	9	5
	Torque, deg	-9	-9	-7	-7	-7	3	7
Lower Arch	in/out, mm	1	1	1.15	1.15	1.6	2.3	2.3
	Angulation, deg	2	2	2	2	5	2	2
	Torque, deg	-35	-30	-22	-17	-11	-1	-1

Fig. 5A

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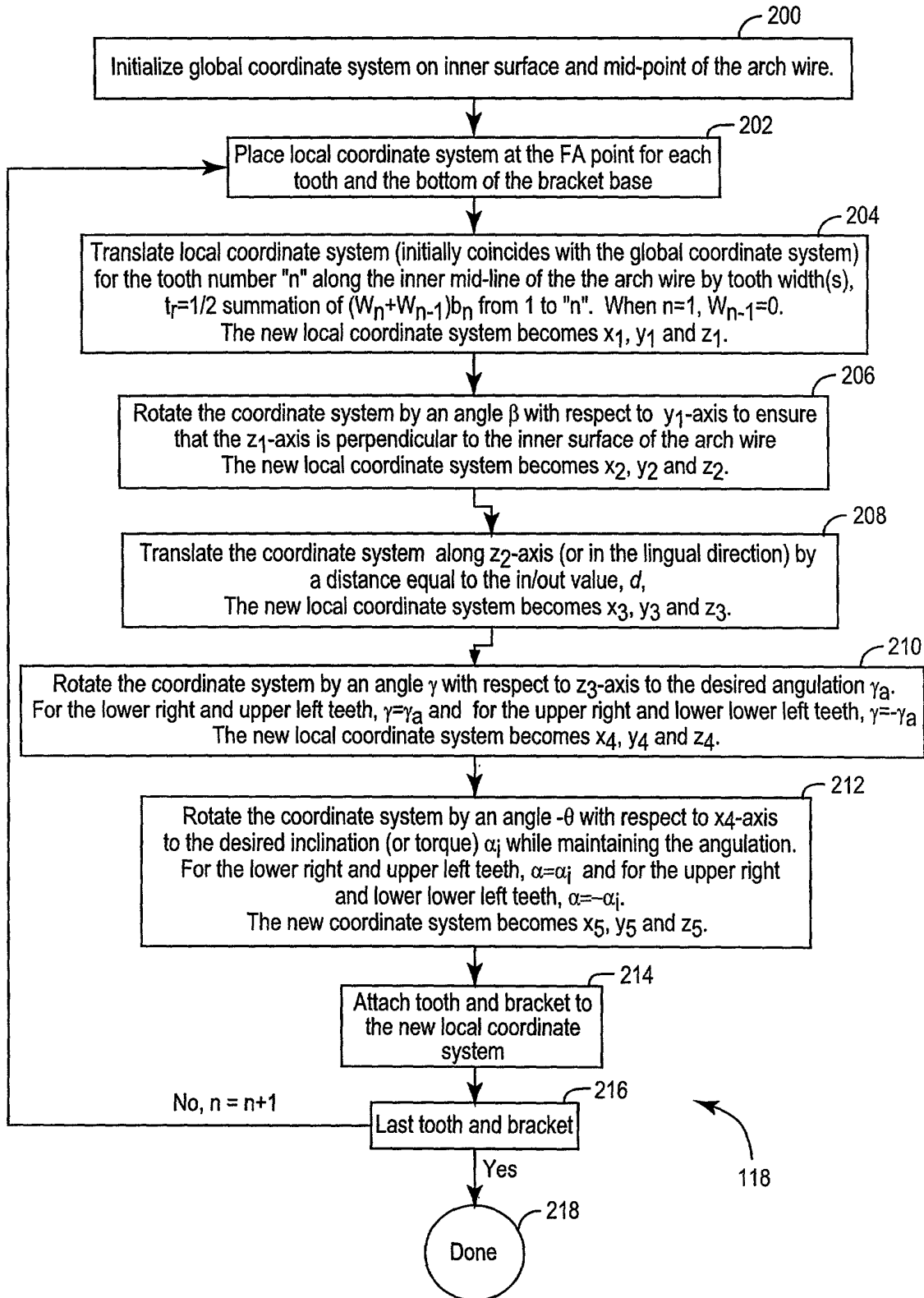


Fig. 6

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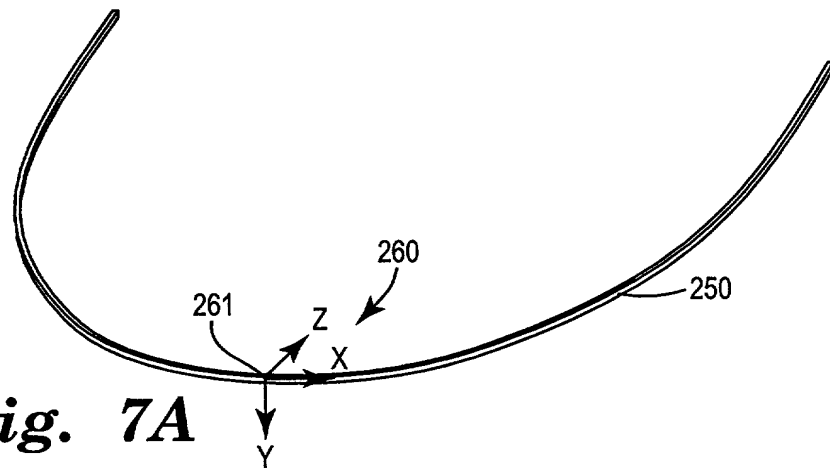


Fig. 7A

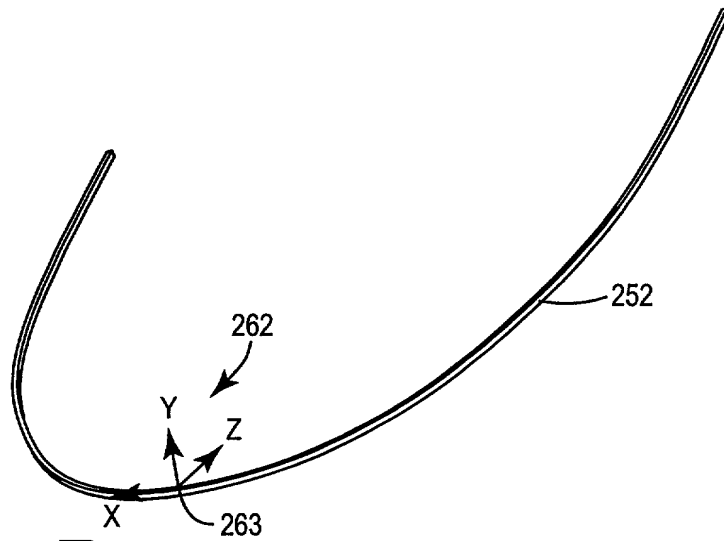


Fig. 7B

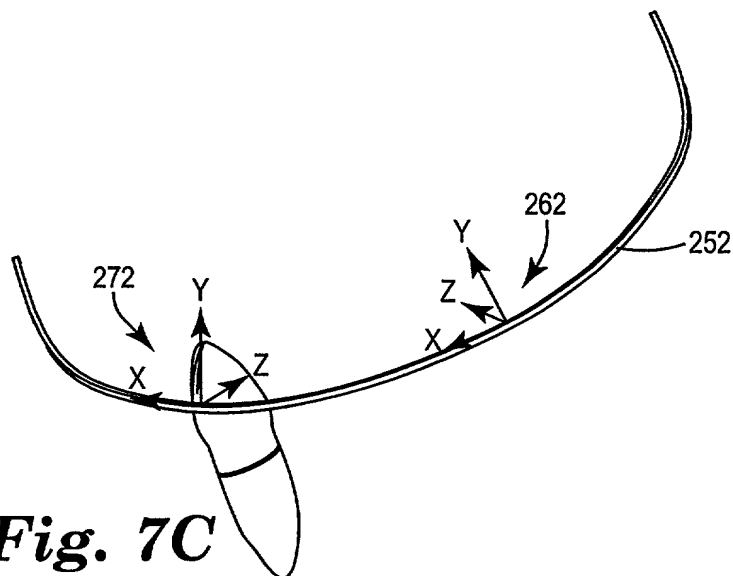


Fig. 7C

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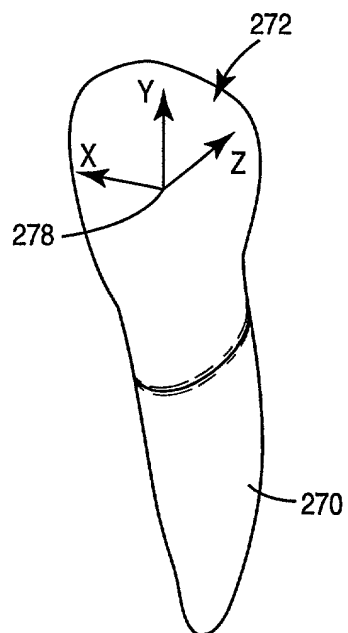


Fig. 8

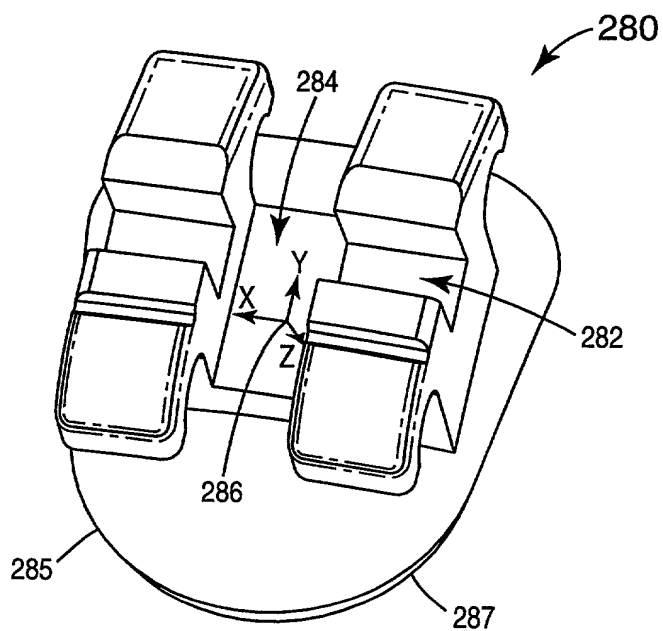


Fig. 9

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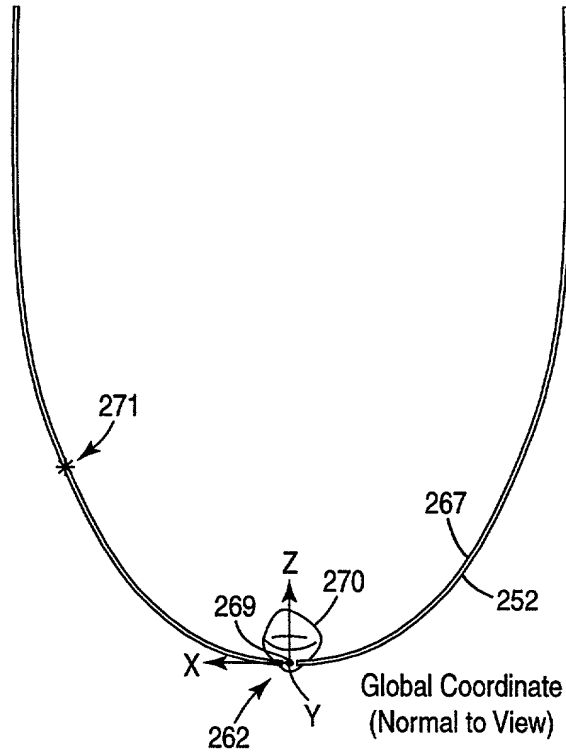


Fig. 10A

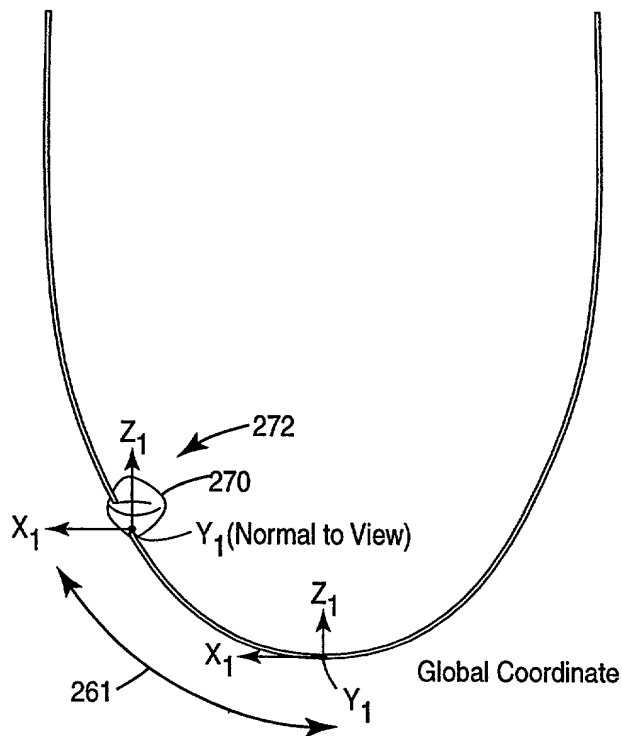


Fig. 10B

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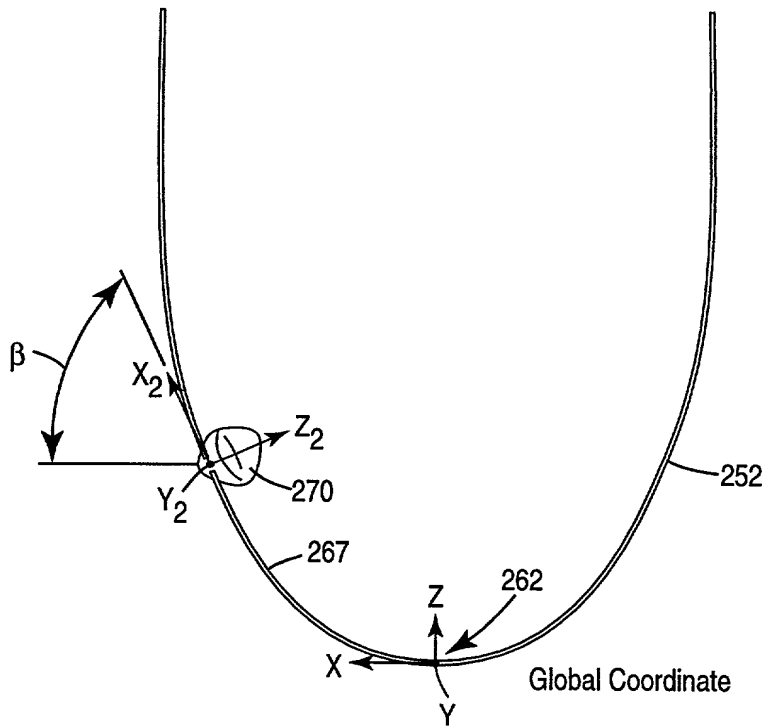


Fig. 10C

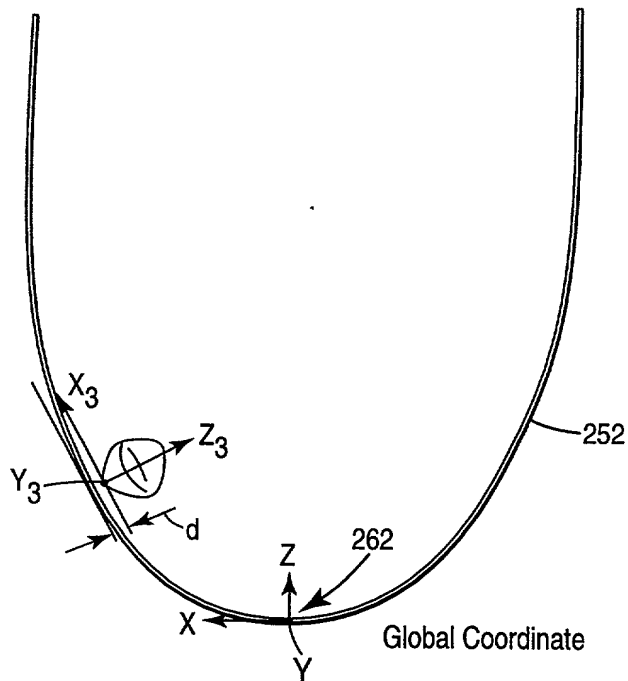


Fig. 10D

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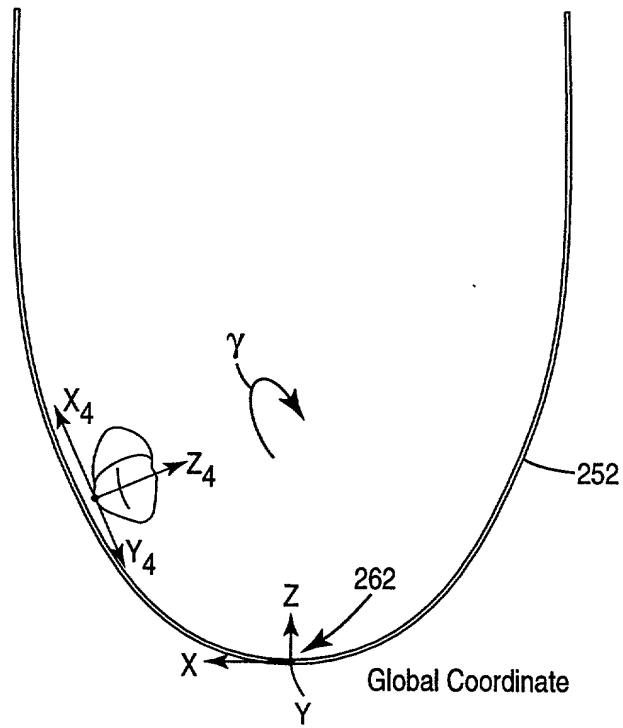


Fig. 10E

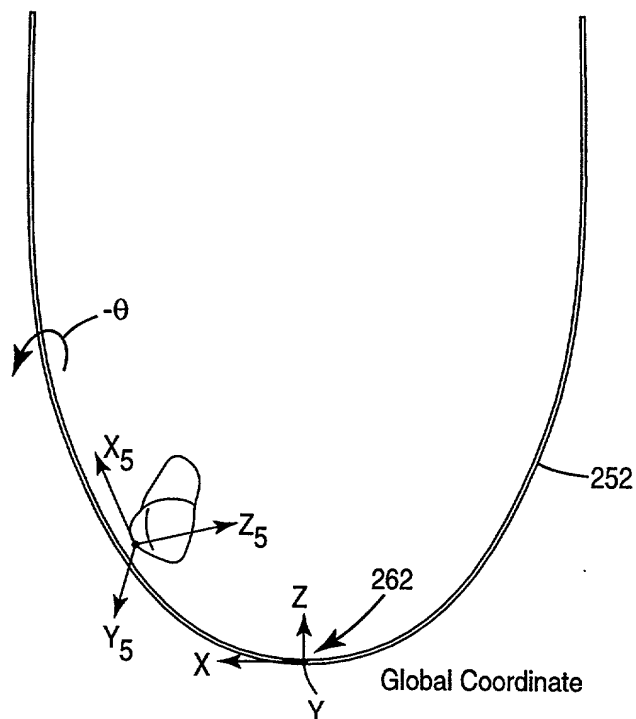


Fig. 10F

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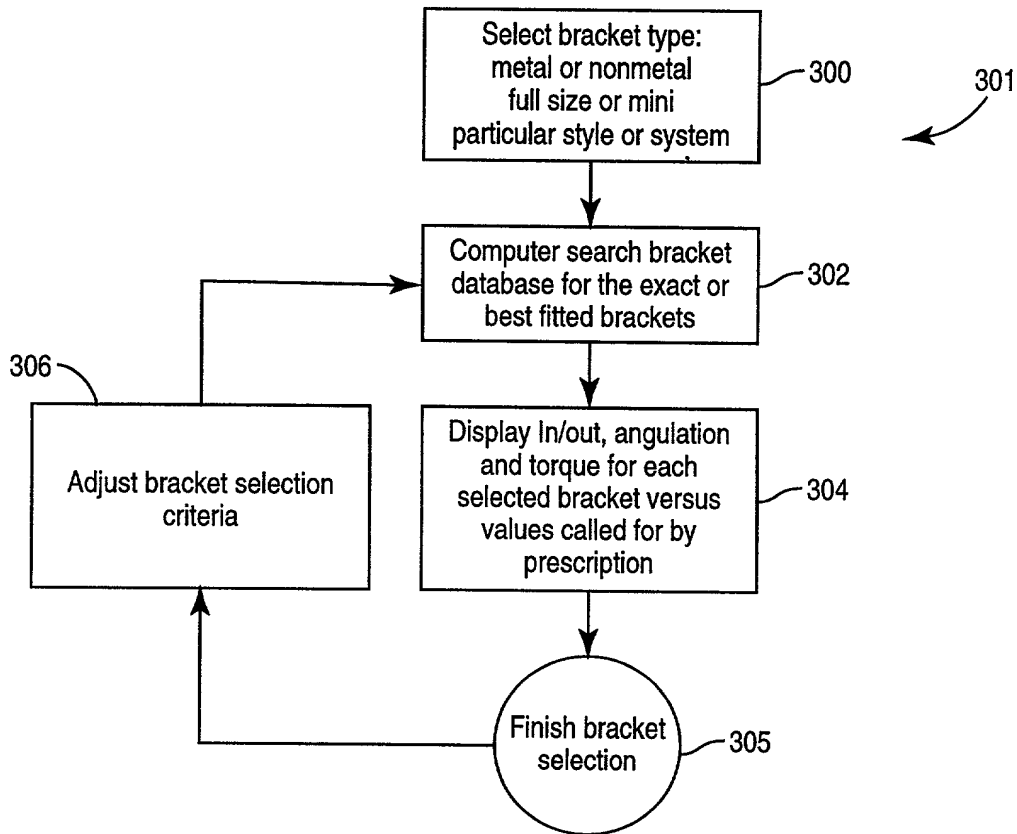


Fig. 11A

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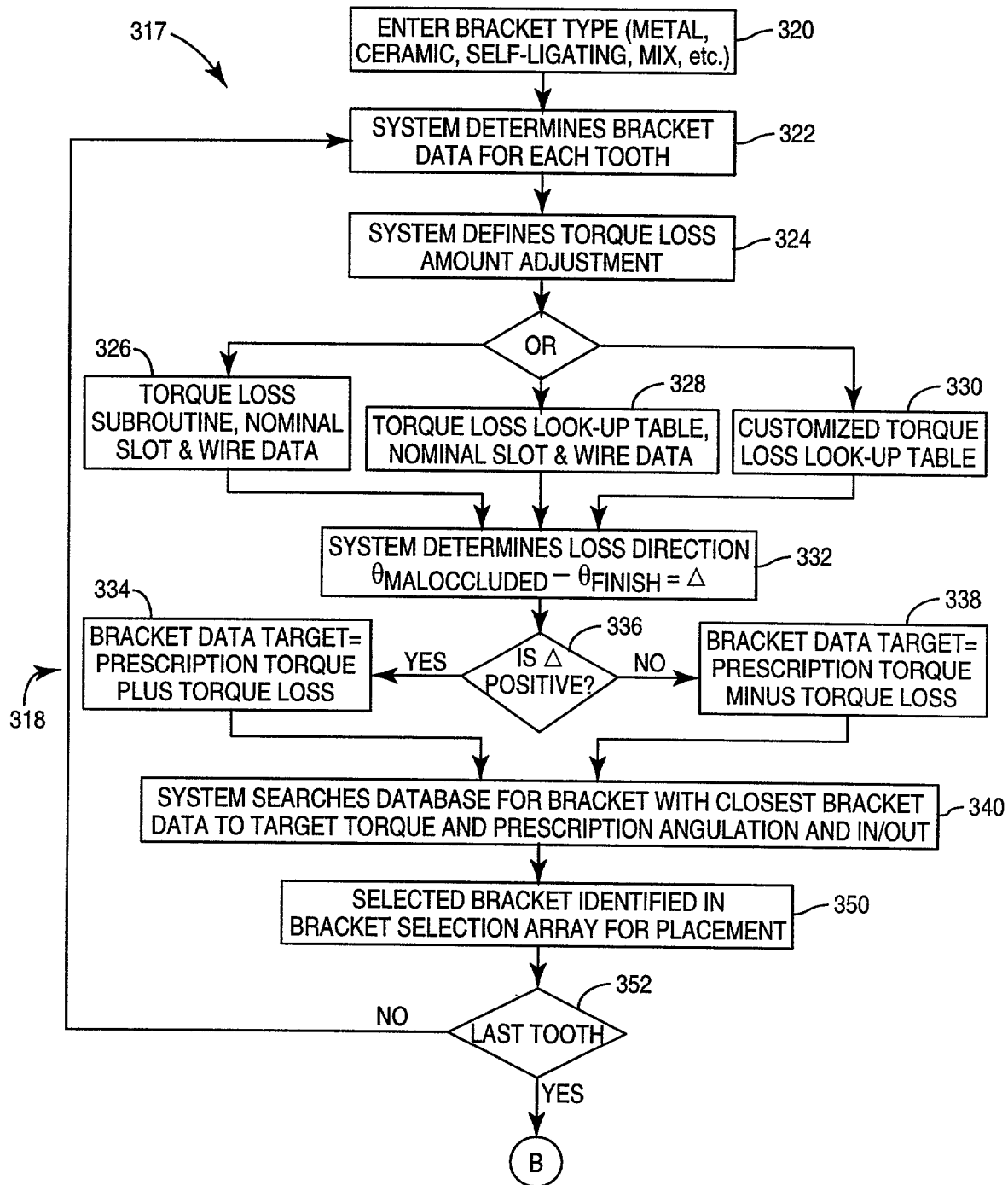


Fig. 11B

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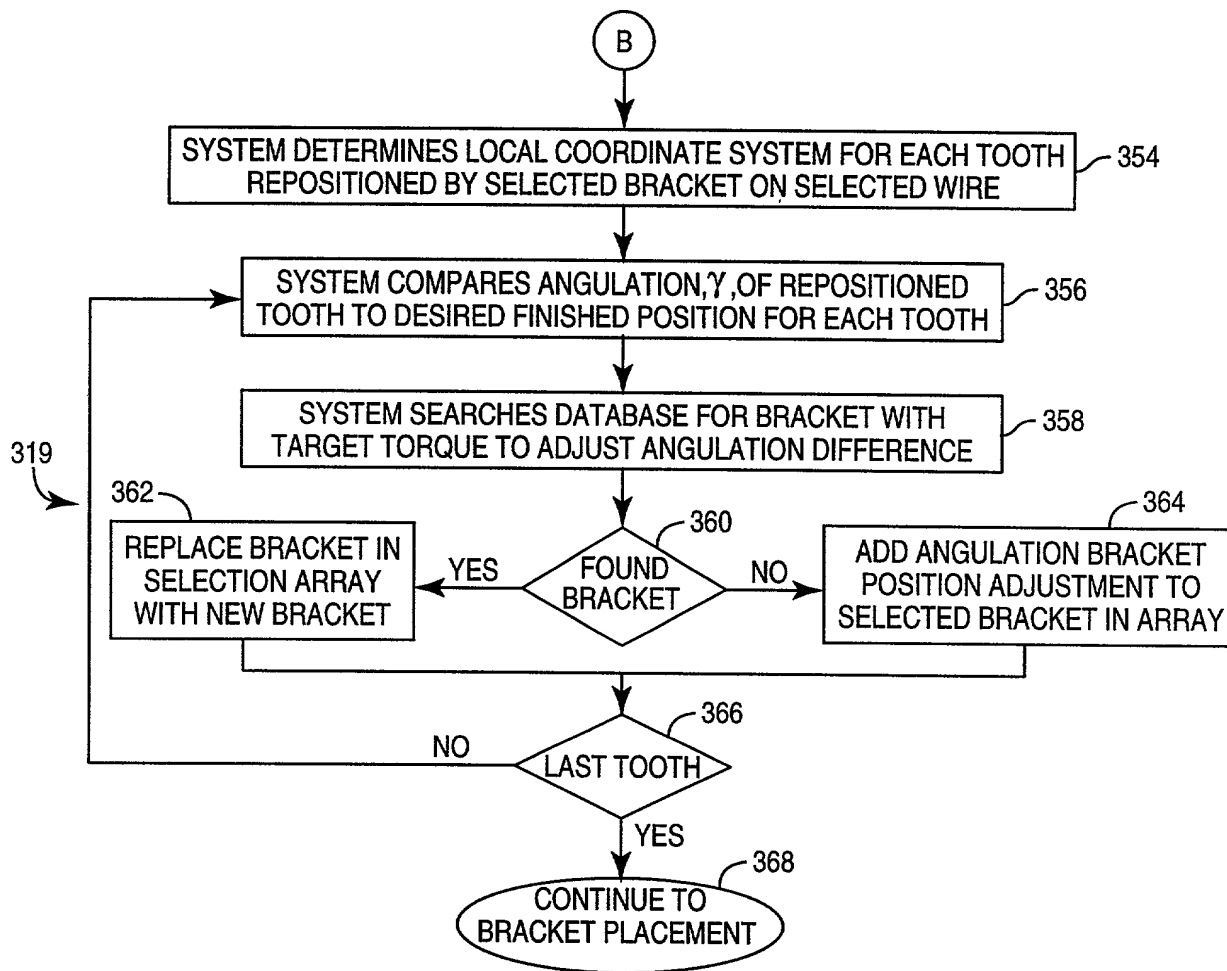


Fig. 11C

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Bracket Selection Criteria

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Lower arch bracket name	torque, deg.	angulation, deg.	angulation, deg.	in/out, mm	left/right
Anterior	>-5	0	0	1.5	L/R
Cuspid	-7	>=2	<=5	0.76	L
1st Bicuspid	-7	0	0	0.76	L/R
2nd Bicuspid	-17	>=2	<=4	0.89	L

Fig. 12A

Brackets Selected Using Advanced Filtering with Selection Criteria Above

Lower arch bracket name	torque, deg.	angulation, deg.	in/out, mm	hook	left/right	part no. for .018" slot	part no. for .022" slot
Anterior	-1	0	1.5		L/R	017-419	017-519
Anterior	-1	0	1.5	D	L/R	017-440	017-540
Anterior	0	0	1.5		L/R	017-603	017-703
Cuspid	-7	5	0.76		L	017-579	017-679
Cuspid	-7	5	0.76	M	L	017-611	017-711
Cuspid	-7	5	0.76	D	L	017-581	017-681
1st Bicuspid	-7	0	0.76		L/R	017-805	017-905
2nd Bicuspid	-17	2	0.89		L	017-797	017-897
2nd Bicuspid	-17	2	0.89	D	L	017-811	017-911

Fig. 12C

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Brackets in Database

Lower arch bracket name	torque, deg.	angulation, deg.	in/out, mm	hook	left/right	part no. for .018" slot	part no. for .022" slot
Anterior	-1	0	1.5		L/R	017-419	017-519
Anterior	-1	0	1.5	D	LL	017-439	017-539
Anterior	-1	0	1.5	D	L/R	017-440	017-540
Anterior	-1	0	1.2		L/R	017-660	017-760
Anterior	-6	0	1.5		L/R	017-792	017-892
Anterior	-5	0	1		L/R	017-422	017-522
Anterior	-5	0	1.5	D	LL	017-441	017-541
Anterior	-5	0	1.5	D	L/R	017-442	017-542
Anterior	-10	0	1.5		L/R	017-613	017-713
Anterior	0	0	1.5		L/R	017-603	017-703
Cuspid	-7	6	0.76		L	017-427	017-527
Cuspid	-7	6	0.76		R	017-428	017-528
Cuspid	-7	6	0.76	D	L	017-429	017-529
Cuspid	-7	6	0.76	D	R	017-430	017-530
Cuspid	-6	3	0.76		L	017-793	017-893
Cuspid	-6	3	0.76		R	017-794	017-894
Cuspid	-7	5	0.76		L	017-579	017-679
Cuspid	-7	5	0.76		R	017-580	017-680
Cuspid	-7	5	0.76	M	L	017-611	017-711
Cuspid	-7	5	0.76	M	R	017-612	017-712
Cuspid	-7	5	0.76	D	L	017-581	017-681
Cuspid	-7	5	0.76	D	R	017-582	017-682
Cuspid	0	3	0.76	D	L	017-771	017-871
Cuspid	0	3	0.76	D	R	017-772	017-872
Cuspid	0	0	0.79		L	017-643	017-743
Cuspid	0	0	0.79		R	017-644	017-744
Cuspid	0	0	0.79	D	L	017-645	017-745
Cuspid	0	0	0.79	D	R	017-646	017-746
1st Bicuspid	-7	0	0.76		L/R	017-805	017-905
1st Bicuspid	-7	0	0.76	D	L	017-807	017-907
1st Bicuspid	-7	0	0.76	D	R	017-806	017-906
1st Bicuspid	-11	0	0.89		L/R	017-586	017-686
1st Bicuspid	-11	0	0.89	D	L	017-587	017-687
1st Bicuspid	-11	0	0.89	D	R	017-588	017-688
1st Bicuspid	-11	0	0.89	M	L	017-649	017-749
1st Bicuspid	-11	0	0.89	M	R	017-650	017-750
1st Bicuspid	-12	2	0.89		L	017-795	017-895
1st Bicuspid	-12	2	0.89		R	017-796	017-896
1st Bicuspid	-12	2	0.89	D	L	017-809	017-909
1st Bicuspid	-12	2	0.89	D	R	017-808	017-908
1st Bicuspid	-17	0	0.89		L/R	017-616	017-716
1st Bicuspid	-17	0	0.89	D	L	017-615	017-715
1st Bicuspid	-17	0	0.89	D	R	017-614	017-714
1st Bicuspid	-17	0	0.89	M	L	017-651	017-751
1st Bicuspid	-17	0	0.89	M	R	017-652	017-752
1st Bicuspid	0	0	0.91		L/R	017-599	017-699
1st Bicuspid	0	0	0.91	D	L	017-601	017-701
1st Bicuspid	0	0	0.91	D	R	017-602	017-702
2nd Bicuspid	-17	0	0.89		L/R	017-589	017-689
2nd Bicuspid	-17	0	0.89	D	L	017-591	017-691
2nd Bicuspid	-17	0	0.89	D	R	017-590	017-690
2nd Bicuspid	-17	0	0.89	M	L	017-653	017-753
2nd Bicuspid	-17	0	0.89	M	R	017-654	017-754
2nd Bicuspid	-17	2	0.89		L	017-797	017-897
2nd Bicuspid	-17	2	0.89		R	017-798	017-898
2nd Bicuspid	-17	2	0.89	D	L	017-811	017-911
2nd Bicuspid	-17	2	0.89	D	R	017-810	017-910
2nd Bicuspid	-22	0	0.89		L/R	017-592	017-692
2nd Bicuspid	-22	0	0.89	D	L	017-593	017-693
2nd Bicuspid	-22	0	0.89	D	R	017-594	017-694
2nd Bicuspid	-22	0	0.89	M	L	017-655	017-755
2nd Bicuspid	-22	0	0.89	M	R	017-656	017-756

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Fig. 12B

D=Dolichofacial
M=Mesofacial